

**CLAIMS**

1. A rear-loading, rear discharging refuse truck body comprising:

- 5           (a) a storage receptacle for receiving and carrying refuse materials; and  
             (b) a tailgate connected carrying a loading hopper and including a packing system for receiving refuse materials and charging refuse materials into said storage receptacle in a compressed state, said loading hopper being movable relative to said storage receptacle between an externally protruding deployed position for collection and a stowed position within said storage receptacle.

10           2. A truck body as in claim 1 further comprising a full height ejection panel in said storage receptacle for sealing the front of said storage receptacle and ejecting refuse from said storage receptacle.

15           3. A truck body as in claim 1 wherein said loading hopper is mounted to rotate vertically as it moves between said deployed position and said stowed position.

20           4. A truck body as in claim 1 wherein said truck body assumes the shape of a stackable container when said loading hopper is in the stowed position.

25           5. A truck body as in claim 4 wherein said loading hopper provides sealing to said truck body when stowed.

             6. A truck body as in claim 2 wherein said loading hopper provides sealing to said truck body when stowed.

30           7. A truck body as in claim 4 further comprising lifting lugs to allow lifting of aid truck body for stacking and unloading.

             8. A truck body as in claim 3 further comprising hydraulic cylinders connected to operate and position said loading hopper.

35           9. A rear-loading, rear discharging refuse vehicle

comprising:

- (a) a chassis;
- (b) a refuse collection body including a storage receptacle for receiving and carrying refuse materials removably carried on said chassis;  
5 and
- (c) a hinged tailgate connected to said storage receptacle and a packing system for receiving refuse materials and charging refuse materials  
10 into a storage receptacle in said truck body in a compressed state, said loading hopper being movable relative to said tailgate between a deployed position for collection and a stowed position within said tailgate.

15 10. A refuse vehicle as in claim 9 further comprising a full height ejection panel in said truck body for sealing said storage receptacle and ejecting refuse from said storage receptacle.

20 11. A refuse vehicle as in claim 9 wherein said loading hopper is mounted to rotate vertically as it moves between said deployed position and a stowed position.

25 12. A refuse vehicle as in claim 11 further comprising hydraulic cylinders connected to operate and position said loading hopper.

13. A refuse vehicle as in claim 11 wherein said truck body assumes the shape of a stackable container when said loading hopper is in the stowed position.

30 14. A refuse vehicle as in claim 13 wherein said loading hopper provides sealing to said truck body when stowed.